E . 21/2 -				OCD H	obbs	1	FORM APPROVED)	
Form 3160-5 (June 2015)	DEPA	UNITED S RTMENT OF 1			-		OMB No. 1004-0137 pires: January 31, 20	1	
		U OF LAND				5. Lease Serial No.	IM0175774		-
• •		TICES AND F				6. If Indian, Allottee	or Tribe Name		-
				or to re-enter an r such proposal			•		
		IPLICATE - Othe				7. If Unit of CA/Agr	ement, Name and/or	r No.	=
1. Type of Well						<u></u>		·····	_
Oil Well	Gas Well		त्र 			8. Well Name and No	MOBIL FEDERAL	. #6	_
2. Name of Operator SHA(IL CO.				9. API Well No. 30-0			_
3a. Address 11417 W CO MIDLAND, T			3b. Phor (432) 68	ne No. (include area cod 82-9784	e)	10. Field and Pool or EAST LUSK YATE	• •		
4. Location of Well (Footag	ge, Sec., T.,R.,M	I., or Survey Descr				11. Country or Parish			-
581 FSL & 660 FWL SE	EC 21 T19S R	32E (LEA COUNTY, N	A		-
	12. CHECK	THE APPROPRIA	TE BOX(ES)	TO INDICATE NATUR	E OF NOTI	CE, REPORT OR OT	HER DATA		_
TYPE OF SUBMISS	SION	- 18.0	· · · · · · · · · · · · · · · · · · ·	TY	PE OF ACT	NON			- -
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Subsequent Report		Casing Repair		New Construction	=	mplete	Other	ly .	
		Change Plans		Plug and Abandon	Temp	orarily Abandon	—		
Final Abandonment		Convert to Inj		Plug Back		r Disposal			-
the Bond under which t	n directionally he work will be ved operations. lonment Notice	or recomplete hori: performed or prov If the operation re-	contaily, give su ide the Bond N sults in a multip	bsurface locations and r o. on file with BLM/BLA le completion or recomp	neasured an Required eletion in a	d true vertical depths subsequent reports mi new interval, a Form 3	of all pertinent mark ist be filed within 30 160-4 must be filed of	ers and zones. Attach days following once testing has been	b
SEE ATTACHED			-	SEE ATTAI CONDITIO)VAL	AUG 2 RECEI	BS OCD 1 2019 VED
14. I hereby certify that the f Bradys			e (Printed/Type	1 050	<u>`</u>				
	nucke	tora.		Title CTC					-
Signature 0	\searrow			Date		07/11/2	019		
		THE SP	ACE FOR F	EDERAL OR ST	ATE OF	ICE USE			-
Approved by	lalls			Title	sup F	PE	Date 7/11/	2019	-
Conditions of approval, if an certify that the applicant hole which would entitle the appli	is legal or equit	able title to those r	ights in the subj		FU)	,	•	
Title 18 U.S.C Section 1001				for any person knowing	ly and willf	ully to make to any de	partment or agency	of the United States	:
any false, fictitious or fraudu						· · · · · · · · · · · · · · · · · · ·			:
(Instructions on page 2))								
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GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve hydraulic fracturing operations, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

Procedures for Plugging Mobil Federal #6

- 1. Set CIBP at 2582' pump 25 sxs of Class C Cement
- 2. Tag cement and pressure test casing to 500 psi
- 525 990' 3. Pump 25 sxs plug from 525' to 263' WOC 4 hrs and tag
- 4. Mix 10 sxs circulate to surface from 60'
- 5. Dig out and cut off wellhead below ground level. Weld dry marker below ground level

(Top of Salt@930)

6. Reclaim location and seed

Ran CBL on 7/2/19 to Surface Good Cement to surface Attach Bond Log

Company SHACKELFORD OIL CO. Well MOBIL FEDERAL #6 Field EAST LUSK YATES County LEA State NEW MEXICO Location: API #: 30-025-33317 Other Services N/A SEC 21 TMP T195 PCE P325	
County LEA State NEW MEXICO	
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Weil No Open Services N/A N/A Meil No N/A	
Permanent Datum GROUND LEVEL Elevation 3578' K.B. 3587' E B B Log Measured From KELLY BUSHING 9ft D.F. 3586' Dritling Measured From KELLY BUSHING G.L. 3578'	
Date 2-JULY-2019	
Run Number ONE Depth Driller 2798'	
Depth Logger 2678	
Bottom Logged Interval 2675'	
Top Log Interval SURFACE Open Hole Size 7.875"	
Type Fluid WATER	
Density / Viscosity N/A	
Max. Recorded Temp. N/A Estimated Cement Top N/A	
Estimated Cement Top N/A Time Well Ready ROA	
Time Logger on Bottom 09:30	
Equipment Number 64	
Location HOBBS NM Recorded By J.RILEY	
Witnessed By MR. ART MARQUEZ	
Borehole Record Tubing Record	
Run Number Bit From To Size Weight From To	
Casing Record Size Wgt/Ft Top Bottom	
Surface String 8 5/8" 0' 575'	
Prot. String	
Production String 5 1/2" 15.5# 0" 2798' V Liner	

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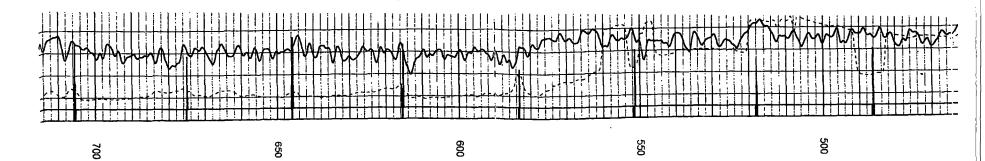
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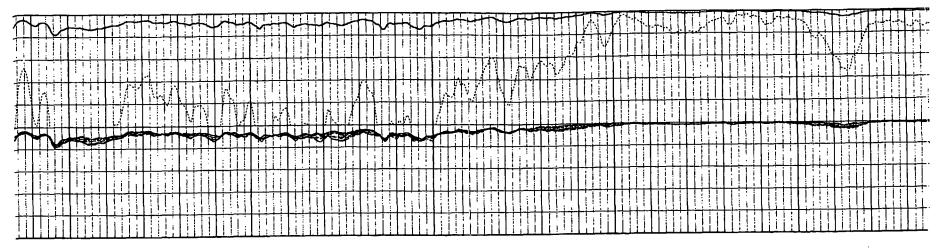
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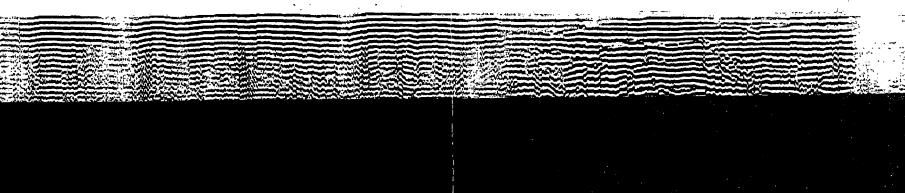
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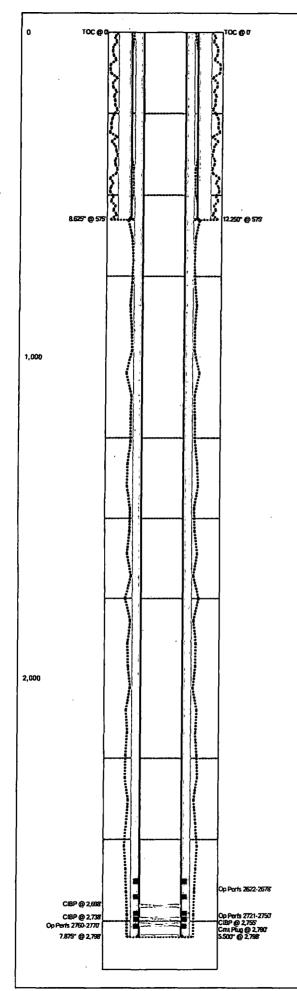




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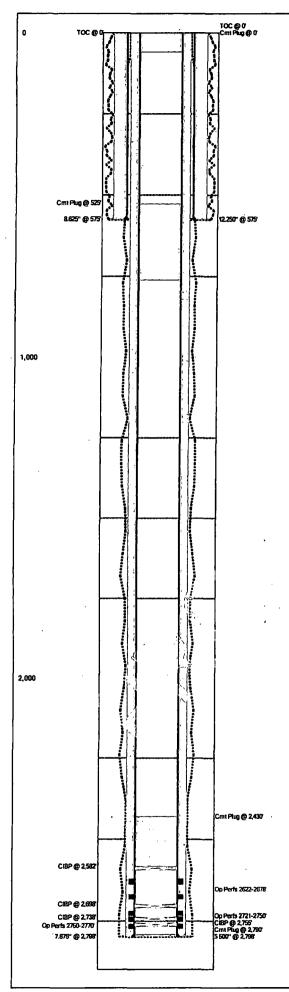
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www.WellShadow.com

Page 1 of 2

Last Updated: 7/11/2019 04:00 PM

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BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

Permanent Abandonment of Federal Wells Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. <u>Below Ground Level Cap (Lesser Prairie-Chicken Habitat)</u>: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. <u>Show date well was plugged.</u>

8. <u>Trash</u>: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

<u>Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:</u> From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted